

**METHOD, SYSTEM AND PROGRAM PRODUCTS FOR  
MANAGING PROCESSING GROUPS OF A  
DISTRIBUTED COMPUTING ENVIRONMENT**

**Abstract of the Disclosure**

5       The management and use of replicated distributed  
transactions is facilitated. A distributed synchronous  
transaction system protocol is provided to manage the  
replication of distributed transactions for client  
application instances. The distributed synchronous  
10 transaction system allows transactions to be replicated  
without having the client application instances be aware of  
other instances to receive the transaction. Further, if a  
failure occurs during processing of a distributed replicated  
transaction, the distributed synchronous transaction system  
15 manages the recovery of the failure.

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